


HOW MR. FARMAN, WHO KNEW NOTHING OF MOTOR-AEROPLANES, ORDERED ONE
READY MADE, LEARNED TO FLY AND BROKE ALL EUROPEAN RECORDS.

Special Correspondence of The Star.

Learning the Bird's Trade.

For Delagrance they built a motor-aeroplane that actually flew in a straight line, on March 30, 1907, over the famous grounds of Bagatelle in the Paris Bois. It was not so long a flight as Santos-Dumont had accomplished in November previous, but it was the flight of a machine that could be duplicated for cash, on an order, in straightforward business manner, without asking favors. That same day, therefore, Henry Farman made a contract with Elierot & Voisin. The contract stipulated they deliver him a motor-aeroplane within a year. Before payment be made it must have done




And the first thing Henry Farman does is to sit in the machine quietly, before it is actually finished, practicing the handling of its all-important vertical rudder.

The vertical rudder—it is the secret of the motor-aeroplane.

You understand what a motor-aeroplane




THE MACHINE'S
MOTOR AND
PROPELLOR



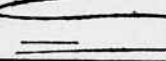
the first time on October 1, 1967, in the Eleriot-Voisin yard, with Gabriel Voisin calling to him to go slow and not break the apparatus!

The motor started. The propeller began whirling 1,500 revolutions. It caught hold of the air and pushed the whole apparatus, rolling on its little wheels at a



**PRACTICE
THE
HANDLING
OF THE
RUDDER**

He had stopped the motor. The machine rolled on its wheels awhile and stopped. They took it to a far greater field—the military maneuver grounds of Issy, outside Paris, where eight or ten other flying machine experimenters had obtained permission to build their sheds and all experiment together.



HENRY FAERMAN

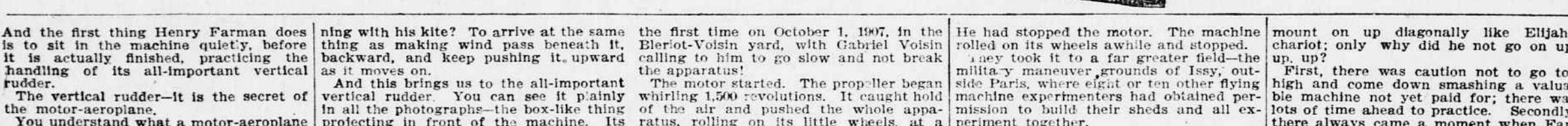
mount on up diagonally like Elijah's chariot; only why did he not go on up, up, up?

First, there was caution not to go too high and come down smashing a valuable machine not yet paid for; there was lots of time ahead to practice. Secondly, there always came a moment when

You'll quarter the aircraft, and you'll bank it. You'll correct the accumulated slip by opposing itself to your change of direction—and you will skid like an automobile that has turned too short on a slippery road. Slippery roads are nothing in comparison with the slippery air!

"The only probable way out of the difficulty," conclude the mathematicians. "You will have suddenly to tilt the whole apparatus downward on the inside curve—like a bicycle racer rounding a tilted track. Birds do it when they turn. They don't just turn on their tails for horizontal rudders. They slant their whole bodies inward—outstretched wings and all."

"That's just what I'm learning to do at present!" answers Henry Farman.



Algerian vineyards produce more grapes per acre than those of any other country.

Germany, too, has been very busy. The kaiser himself, is an enthusiast on the subject of aeronautics, and he has

A white monkey, the first albino of its kind seen in South Africa, has lately been captured in the bush by a resident of Port